

From: Richard Rupert/R3/USEPA/US
Sent: 2/27/2012 9:25:54 PM

To: "kelley.chase@epa.gov" <kelley.chase@epa.gov>; "richard.fetzer@epa.gov" <richard.fetzer@epa.gov>
CC:
Subject: Fw: Verification/Completeness Check for File 1202003 FINAL PART 1 of 3 R33907 02 15 12 1741.pdf
Posted Feb 15 (Metals Only - Expedited Report Review)

FYI

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----- Forwarded by Richard Rupert/R3/USEPA/US on 02/27/2012 09:25 PM -----

From: Cynthia Caporale/ESC/R3/USEPA/US
To: Ex. 4 - CBI
Cc: Ex. 4 - CBI; Gary Newhart/CI/USEPA/US@EPA, John Gilbert/CI/USEPA/US@EPA, Kelley Chase/R3/USEPA/US@EPA, Richard Rupert/R3/USEPA/US, Sella Burchette/ERT/R2/USEPA/US@EPA, Robin Costas/ESC/R3/USEPA/US@EPA, Stevie Wilding/ESC/R3/USEPA/US
Date: 02/27/2012 04:50 PM
Subject: Re: Verification/Completeness Check for File 1202003 FINAL PART 1 of 3 R33907 02 15 12 1741.pdf Posted Feb 15 (Metals Only - Expedited Report Review)

The report on the Dimock Verification/Completeness Check for file 1202003 FINAL Part 1 of 3 R33907 02 15 12 1741.pdf was reviewed and below are the responses for your consideration.

File [1202003 FINAL PART 1 of 3 R33907 02 15 12 1741.pdf](#)

1. Table 1 – Field and QC Sampling Summary lists mercury as a metal of interest. No data are reported for mercury in this file.

Response: Mercury results are included in Part 3 of 3 with Inorganics.

2. The requested RL on the Methods for Surface Waters and Groundwaters lists the RL for Uranium as 10 µg/L. The laboratory reported 1.0 µg/L. Verify that the RL reported is correct.

Response: The RL of 1.0 ug/L is correct.

3. Due to lack of project action limits, it was noted that several metals exceeded the Maximum Contaminant Levels (MCLs) for drinking water: Manganese for samples HW31, HW31z, HW15a, HW15a-F, HW31-F, HW31z-F, HW47 and HW47-F and arsenic for samples HW47, HW47-P, HW47-PF and HW47-F. The corresponding LCS, MS and duplicate samples were within QC criteria.

Response: No comment.

4. There were several non-typical metals that were detected in some of the drinking water samples for which no MCLs are available: Strontium for samples HW43-P, HW43, HW45-F, HW45-PF, HW43-F, HW43-PF, HW31-P, HW30, HW30-P, HW31, HW31z, HW15a, HW30-PF, HW15a-F, HW31-F, HW31z-F, HW30-F, HW31-PF, HW47, HW51, HW51-P, HW51-PF, HW51-F and HW47-F; uranium for samples HW43-P, HW43, HW45-F, HW45-PF, HW43-F, HW43-PF, HW15a-P, HW30, HW30-P, HW30-PF, HW30-F, HW15a-PF, HW51, HW51-P, HW51-PF and HW51-F; boron for samples HW31-P, HW30, HW30-P, HW31, HW31z, HW30-PF, HW31-F, HW31z-F, HW30-F, HW31-PF, HW47, HW47-P and HW47-F.

Response: No comment.

5. It is assumed that all required instrument QC in the method was run and was within the criteria listed in the EPA R3 SOPs since this information is not available in the laboratory report.

Response: This assumption is correct and future reports will include a statement in the narrative.

Overall, based on the above comments and responses, an impact to result values or qualifiers does not seem warranted.

If you should have any questions or need further discussion on the above response please feel free to contact me or Robin Costas at 410-305-2659.

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Cc: Richard Rupert/R3/USEPA/US, Gary Newhart/CI/USEPA/US@EPA, John Gilbert/CI/USEPA/US@EPA, Ex. 4 - CBI
Ex. 4 - CBI, Sella Burchette/ERT/R2/USEPA/US@EPA
Date: 02/17/2012 07:57 AM
Subject: Verification/Completeness Check for File 1202003 FINAL PART 1 of 3 R33907 02 15 12 1741.pdf Posted Feb 15 (Metals Only - Expedited Report Review)

.....is attached.

Ex. 4 - CBI

Lockheed Martin

Scientific, Engineering, Response and Analytical Services (SERAS)

Ex. 4 - CBI

[attachment "SERAS-001-DSR-021612_4.docx" deleted by Cynthia Caporale/ESC/R3/USEPA/US]